Gause of Blindness. Who Has Lost His Eyesight from Excessive Smoking of Cigars.

the toxic effects of tobacco strike directly at the optic serve. They say that impaired and rained sight is frequently traceable to and rained sight is frequently traceable to be excessive smoking, and that the eye, the instance of all the organs in the body, is the first to feel the influence of the potent weed. This new disease of the eye is the first to feel the influence of the cyc is the first to feel the influence of the potent weed. This new disease of the eye is the first to feel the influence of the potent weed. This new disease of the eye is

calld amblyopia exabusa.

Occullate everywhere are discussing the linguishment of tobacco on the eye since the fluences of tobacco on the eye since the case of Casains W. Seymour is a young to their attention. Mr. Seymour is a young to their attention. Mr. Seymour is a young to their attention. Mr. Seymour is a young to their attention. man who established a high reputation among the jewellers of Maiden lane for energy and ability. He travelled for a jewelly house and became known in many States. His only indulgence was in tobacco. He amoked several strong cigars every day. Of late years he had increased the number of cigars he smoked like chose big. black cigars, which only men of the strong at physique can stand. Of these he smoked eight and ten a day. Now his cycsight is zone and the oculists ay that tobacco did it.

smoked to excess.

There are several men well known in the relity trade who smoke more than did Mr.

There are several men well known in the self-under treatment.

It was hoped that the nicotine might be eliminated from his body and that the importance of the self-under treatment. saymour, but since was alreadly who have examined him attribute his bilindmess to the excessive use of tobacco, they have been badly frightened, and in several have been badly frightened, and in several have been addressed the number of cigars instances have reduced the number of cigars at they use. But robacco in any form, say extra they use. But robacco in any form, say extra they use. But robacco in any form, say extra they use to far.

Mr. Seymour had waited too long before he put himself under treatment. The cigars he had been smoking for years had not been addressed been smoking for years and the properties of the properties o

The case of Mr. Seymour has attracted widespread attention among oculists from the fact that the destruction of the sight from tobacco alone is a very rare occurrence. Cases have been reported in Europe where the optic nerve was allged to ope where the optic nerve was allged to the first cases of the kind to occur in a frest cases of the kind to occur in the same time. There are some

America.

Total blindness, as was learned at the Manhattan Eye and Ear Hospital, is frequently caused by the combined effects of alcohol and tabacco. The man who is a hard drinker and an excessive smoker is likely to lose his sight as a result of these induigences. This happens so frequently that auch a case would excite no surprise a specialists. a specialists.

he characteristic symptoms, iose is ened.

er, destroying the sight, as a resolution of tobacco alone without the attendance hope is entering influences of slcohol, the occurrence tained of his is so rare as to excite a lively discussion. Mr. Seymont was an extremely ab-stemious man, and the oculists who have strended him say there is no doubt his blindness was caused by tobacco alone. It is the optic nerve, which connects the eye with the brain and without which to vision of any kind is possible, that is alone affected by tobacco, which in no way impairs the eye. The optic nerve is an extremely delicate membrane

Does tobacco destroy the eyesight? Is and it is closely affected by the general blindness caused by nicotine?

These are questions that interest every emoker. Eminent occulists now assert that alcotine. This alkaloid is intensely poistone toxic effects of tobacco strike directly and it is closely affected by the general health of the body.

Excessive smoking fills the body with alcotine. This alkaloid is intensely poistones to tobacco and it is the active principle of tobacco and it is closely affected by the general health of the body.

ow his eyesight is gone and the oculists ay that tobacco did it.

Mr. Seymour, who lives in New Jersey, is been compelled to abandon his work of a collection is being taken up for himing his old associates. Mr. W. C. Parks, arks Brothers & Rogers, and Mr. J. A. and, of the Ostby & Barton Company, the taking up subscriptions among the failed line Jewellers for Mr. Seymour, and that he leading to treat him for any affection of the eye. By instantly stopping the use of tobacco and subjecting the patient to a rigorous course of hot baths the quantity of nico-tine in the body may be reduced. In this way many men who were threatened with total blindness by nicolline destroying their total course of hot baths the quantity of nico-tine in the body may be reduced. In this way many men who were threatened with total blindness by nicolline destroying their total course of hot baths the quantity of nico-tine in the body may be reduced. In this way many men who were threatened with total blindness by nicolline destroying their total course of hot baths the quantity of nico-tine in the body may be reduced. In this way many men who were threatened with total blindness by nicolline destroying their total blindness

examined him attribute his bilind-

to the body by smoking.

The case of Mr. Seymour has attracted each been adding to the quantity of nico-

celalists.
the optic nerve, with all lines this conviction has been strength-

Nicotine | The Strange Misfortune of a Man BOMBARDING CITIES FROM THE SKY.



Machine Could Float About in the Sky Over New York and Brooklyn, and, by Hurling Its Dynamite Projectiles in Opposite Directions, Destroy Both Cities at

WAR MACHINE has now been invented which, it is claimed, is capable of destroying two cities at once. By means of this device great public works are to be demolished, vast aggregations of wealth in the form of buildings are to wiped our, while ships, steamboats and floating a few men sailing in the air and hurling down large the dynamite bombs ought to be dropped over the quantities of dynamite from a place where no gun can side or ared from the aneumatic guns.

beneath the sea or from the clouds above.

"Go down under the sea," says Mr. St. Croix, "If you want to headquarters on the land.

With strong glasses an

with our present knowledge of mechanics. On the other hand, I ments, forts, camps, ships and cannon of the enemy could be de-

can reach. It can also fly in over the land and destroy the enemy to explain many of the mechanical details of his war balloon, but there in places where no boat could go. A war balloon is thus that it will revolutionize the whole science of warfare in the near at once an army and a navy. The field of action open to a sub-marine boat is extremely limited, while that which invites the The German army is work of a war balloon is absolutely unlimited.

your mercy. Fly up above him, and, with dynamite bombs, you trained in their use. The French authorities expect great

balloon that could be steered in any direction, like my newly in- determine its exact usefulness in actual confirct. vented airship. With this device we can fire upon the ships and | The German authorities, however, are so afraid of these balthe armies of the enemy at the same time, while as for destroy-lug his cities and his commerce, they are helpless the moment ordinance for bringing them down. These guns are so mounted

many natural forces in the perfection of his war balloon. Large, As the French balloons are designed to carry four or five heavy, guns, with vast quantities of ammunition, are not, he men, the gas bags are necessarily large and offer a big target says, necessary to place the cities and ships of the enemy within in the sky. At the same time, it is claimed by the French that his reach. Floating over a hostile city, it can be destroyed, he it will be an easy matter to go up to such an altitude as to be says, by simply throwing overboard into the air dynamite bombs practically out of range. that fall with terrific speed, and explode on the roofs of houses and in the streets, spreading death and destruction on all sides.

Careful gamners might succeed in hitting a bailoon a mile high. But it is considered almost impossible to hit a bailoon

at the same time however, light air guas, with which his warship tance the balloon offers not only an extremely small target, but is to be armed, have been designed by Mr. St. Croix. These the intervening currents of air are likely to deflect the projec-A great pressure is not necessary, as the gans point downward.
All that is required is enough force to give the bombs the proper direction. These air gans, four in number, project from the sides

The French air ships are dirigible balloons, and can steer

merce of all kinds are to be at the mercy of of the enemy and judge the right moment when

An elaborate telegraph and telephone apparatus has The inventor of this destructive machine is E. St. Croix, of Washington. He has seeinged patents on his device, and he is now making arrangements to offer them to the United States Government for war purposes. If our government does not purchase the parents of Mr. St. Croix, then he proposes to offer them to France. Germany and other Continental countries. He is now negotiating with the Cuban patriots.

This inventor has approached the subject of war from a selective standpoint. He says it is clear that guns, armor, forts and method-war have now reached such a state of perfection that

and men-of-war have now reached such a state of perfection that all nations that confine their warlike operations to the surface of the ground are placed upon an equality. The nation that will men." "They east coast is unguarted for a distance of three miles." These are some of the messages which, says Mr. St. win in war, he says, is the one that will destroy the enemy from Croix, might be sent from the commander of his war balloon to

With strong glasses and a vigilant outlook the whole field of destroy the enemy's ships, or go up into the air. One machine that will do either of these things will wipe out the enemy and the war, and make the nation that owns it victorious.

"Now, I claim that submarine navigation is an impossibility will our necessity to proceed to the commanding officer in the field. At the same time the entrenchment of the commanding officer in the field. At the same time the entrenchment of the commanding officer in the field.

have discovered that the navigation of the air is feasible and possible, that it offers a scope and freedom beyond the reach of any submarine boat, and that it makes possible a quickness of action and a range of fire to be attained in no other way.

"A flying machine can reach any enemy that a submarine boat can reach, it can also did no over the land and destroy the enemy."

The German army is at the present time supplied with a work of a war balloon is absolutely unlimited.

"The air is the medium for the future General or Admiral to balloons. The French army is provided with balloons to be consider. Go into the air if you want to have the enemy at your mercy. Fly up above him, and, with dynamite hombs, so we him at your feet.
"It would be impossible for an enemy to escape from a war Franco-Prussian war, so that there has been no opportunity to

the ship, with a proper erew and a store of ammunition, rises that they can be fired vertically. All that is necessary, in the into the air."

The inventor of this strange device has taken advantage of tumbling to the earth is to hit the gas bag.

In order to destroy two big cities like New York and Brooklyn donting three miles above the surface of the earth. At this dislight guns hurl dynamite projectiles by means of compressed air. the On the other hand, a war balloon three miles in the air

of the big carriage of the war balloon, and can be readily turned against a mild current of wind not stronger than five miles per

In any direction.

The balloon itself has been constructed upon the largest scale.

It is a vast, cigar-shaped bag, pointed at either end, so as to readily cut the air. By means of netting, a large car is suspended from it. This car is pointed at either end. At one end is a large loons used to go up at regular intervals for the purpose of observed to the purpose of the purpose of observed to the purpose of the purpos wooden screw. This revolves with the speed of an electric fan.
It is worked by dynamos fed from storage batteries. Two large beyond the German lines. Several bundred such balloons estudders project from the stern of the car, behind this screw. One

Grow Forests on Our Waste Edison's Lands, Says the Wizard, and Let Dame Nature and Father Time Do the Rest.

Way to Make Coal Plenty.

The possible scarcity of an available sup- | tons, and it would be necessary to go more ply of coal to satisfy the wants of the than twenty-five miles to get the supply human race for some years been a subject of discussion by scientists and starts—ticians. It has been pointed out that at tailed, the amount of fuel that might be the present rate of coal consumption the mines of the world would ultimately fall to yield an output sufficient for the needs the cities within that territory now using

a Journal reportler:

"Nature's resources are ample if we wilonly take advantage of them. Men say
that we shall be out of fuel for heat and
power production in a comparatively short
time, finit because they foresee the possible exhaustion of the coal supply. But
there need be no alarm, even in behalf
of future generations. It is true that, in
time, the available coal will be all gone,
providing its burning is continued. But,
while that is being done, nature will be
making more fuel if men will only oncourage her a little, and, as a business,
this encouragement will be quite as profitable as most occupations.

coal is only sunshine stored in trees grown ages ago and slowly transformed to almost pure carbon. But we don't have to wait for twenty-would yield a gross of \$5 or \$6 trees to turn to coal in order to burn them.

Trees will grow wherever there is sunshine and soil. Once their growth is started, mature will give man the equivalent of a ton of coal in forest growth every year on every acre of soil in any of the non-arid parts of

are of soil in any of the non-arid parts of the earth.

"And there is enough waste ground—that is, ground that cannot be 'cropped' because it is too hilly or too wet or something—to make room for all the fuel growth required. All that is needed is a few years of partience, a careful study of forestry and the laying down and observation of certain rules for the growth, preservation and proper cutting of trees, and the man who owns a few acres of waste land will be able to make as big a net profit out of his fuel crop as he who raises any other sort of crop.

At the same time the raising of trees for fuel would add immensely to the beauty of the landscape. Uninteresting semi-marshes and bare and searred hillsides would be clothed with living green in the Summer, and with the gorgeous colors of dying leaves in the Autumn, while, even in the Winter, the flats and hills would be more beautiful, because of their forestization. But there are other schemes for the utilization of nature's forces in which Mr. Edison fails to see such practical possibilities as are sometimes foretoid. One of these is the utilization of the rise and fail to make as big a net profit out of its tuel tree as are sometimes foretoid. One of crop as he who raises any other sort of crop.

At present prices, indeed, the equivalent of a ton of coal to the acre of waste ground would yield a better profit than almost any tides in New York's harbor alone, could be other erop known."

f the people.

Coal for an indefinite period.

Thomas A. Edison, however, does not This district includes Enstern Pennsyl share this gloomy opinion. And he would said Northern New Jersey, and is not be the genius he is if he did not find a way out of the difficulty. Here is York a vast region that is largely mounwhat he said about it in an interview with Journal reportler: rocky stretches. Only small portions of "Nature's resources are ample if we will this region are good for farming and the

able as most occupations.

"As long as the sun shines we can get power. We get it all from the sun now, for trees and unfit for anything in their pres-

ton of coal to the acre of waste ground yield a better profit than almost any ther erop known."

A little investigation is sufficient to show that Mr. Edison's notions as to the world's fuel supply, above briefly stated, are of stupendous importance. Within twenty-five miles of New York ther are probably, in rocky hills and marsh lands, both of which could be made to support heavy growths of fuel timber, but not to raise farm or garden crops; more than 100,000 acres of ground, and this area, according to Mr. Edison, would produce the equivalent of 100,000 tons of coal a year.

The total analysis of the interruptions to shipping.

The total analysis of the interruptions to shipping at our composition of the interruptions to shipping. "Now, at Niagara there is a steady and big fall of a stream of water really large, but much smaller than the North River in New York. Conditions are favorable for the economical barnessing of Niagara, and at many other places power can be produced profitably from failing water. At New York there is a rise and is, lof a much faster volume of water, bat, farmovement of this water is so internittent and its voicing sw rast that it would require uncalculated millions of cash to bring it under control, and the nower developed it under control, and the nower developed. quire uncalculated millions of cash to bring it under control, and the power developed would be only a fraction of the power ob tained at Niagara in proportion to the vol ume of water and the expense of the ma-

at New York is only four or five feet. while at Niagara the steady and cease less fall is 180 feet and over."

